



Functional Independence Mathematics

Official Released Items

Grade 5

**Fall 2008
Official Released Items**

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The Grade 5 Functional Independence Mathematics Assessment was administered for the first time in Fall 2005. Beginning with this administration, the Office of Educational Assessment and Accountability (OEAA) will annually release a portion of the items that are administered on the assessment. This booklet contains released items from the Fall 2008 administration and is intended to be used by districts to assist in their interpretation of item analysis data. The information contained in this booklet may also be used by schools, teachers, and parents as a resource for understanding the content and format of the assessment items. In addition to MI-Access training materials and Extended Grade Level Content Expectations (EGLCE), the released items may also have utility in informing decisions related to instruction, curriculum, and assessment. These items are **not** secure and may be copied and distributed as needed.

The table below lists the number of core and released items administered on the Fall 2008 Grade 5 assessment booklet. Core items are those that count toward students' scores. All released items in this booklet were selected from the pool of core items that appeared on the assessment.

Functional Independence Mathematics Grade 5

Mathematics Strand	Number of Core Items
Numbers and Operations	16
Measurement	10
Geometry	2
Data and Probability	2
Total Core Items/Points	30
Released Items	10 (Numbers vary by strand and topic.)

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DIRECTIONS: Read each question. Choose the **BEST** answer for each question.

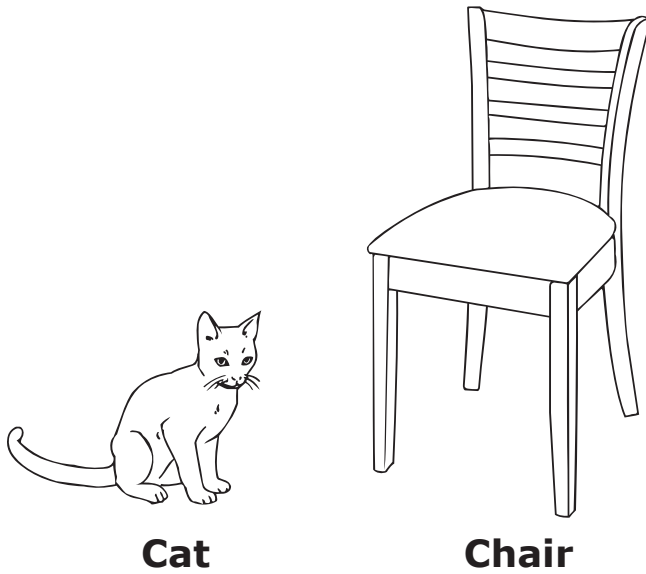
R1 Which unit should be used to measure the height of a door?

A cups

B feet

C minutes

Use the picture below to answer question **R2**.



R2 The cat is _____ of the chair.

- A** on **top**
- B** to the **left**
- C** to the **right**

Use the coins below to answer question **R3**.



R3 How much money is shown?

- A** 12¢
- B** 17¢
- C** 22¢

R4 Tim bought a light for \$10 and socks for \$5.

How much money did Tim spend?

A \$10

B \$15

C \$50

R5 Matt and Sue caught the following fish:

Fish Caught

Trout	4
Bass	3
Pike	2

How many trout did they catch?

A | |

B | | |

C | | | |

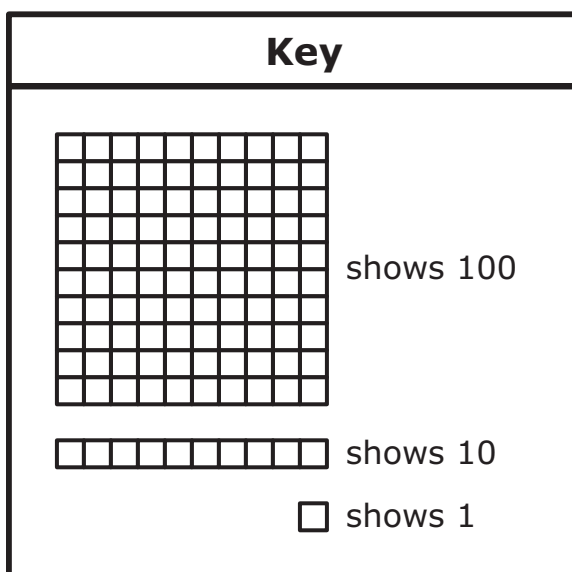
Use the calendar below to answer question **R6**.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

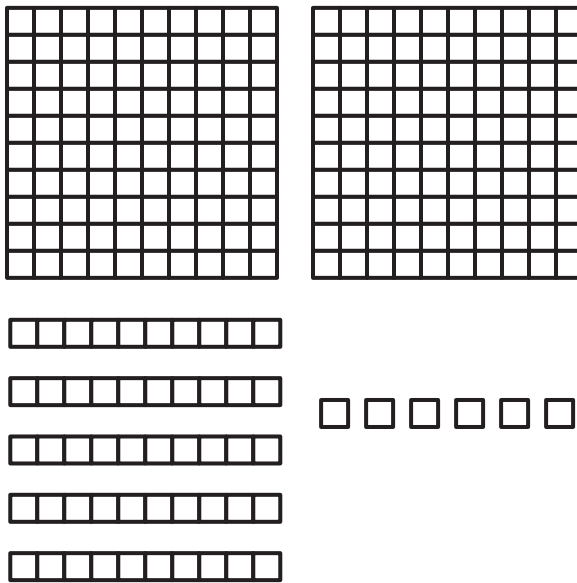
R6 How many days are shown in the calendar?

- A** 7
- B** 26
- C** 30

Use the key below to answer question **R7**.



Look at the blocks below.



R7 What value is shown?

A 76

B 211

C 256

R8 Which number is 5 hundreds, 8 tens, and 2 ones?

A 50,082

B 5,082

C 582

R9 What is the **sum**?

$$\begin{array}{r} 25 \\ + 36 \\ \hline \end{array}$$

A 11

B 51

C 61

R10 Mike had 20 coins.

He gave Lou 6 coins.

About how many coins does Mike have now?

A 15

B 25

C 30



Do Not Continue.



Do not continue until instructed to do so.

Below is a list of the Extended Grade Level Content Expectations (EGLCE) for each released item found in this booklet. The chart contains the EGLCE code, a brief description of what is measured, and the correct answer for each released item.

Because the assessment was administered during the **fall** of the school year, only content from the *previous* grade level was measured on the assessment. For example, items eligible for the Grade 5 assessment will measure the Grade 4 EGLCE.

Full descriptions of the EGLCE contained in the chart below are available for review and download at **www.mi.gov/mi-access**.

Released Item Number	EGLCE Code	STRAND or Abbreviated Extended GLCE Descriptor	Answer Key
		DATA AND PROBABILITY	
R5	D.RE.04.FI.EG03	Solve problems using tables, graphs, tallies and pictographs	C
		GEOMETRY	
R2	G.LO.04.FI.EG02	Use relative position of objects on a plane and in space	B
		MEASUREMENT	
R1	M.UN.04.FI.EG02	Select units of measure	B
R3	M.PS.04.FI.EG09	Tell the amount of money	A
R4	M.PS.04.FI.EG10	Add and subtract money in dollars or cents only	B
		NUMBERS AND OPERATIONS	
R6	N.ME.04.FI.EG01	Read, write and count using whole numbers to 1000 in numerals and words, and relate them to the quantities they represent	C
R7	N.ME.04.FI.EG03	Represent whole numbers to 1000 using concrete representations	C
R8	N.ME.04.FI.EG04	Express numbers up to 1000 using place value, e.g., 137 is 1 hundred, 3 tens, and 7 ones	C
R9	N.FL.04.FI.EG11	Add and subtract two numbers with 1 or 2 digits each	C
R10	N.FL.04.FI.EG15	Apply estimation in solving problems	A



Michigan Department of Education
Office of Educational Assessment and Accountability
608 West Allegan Street
P.O. Box 30008
Lansing, MI 48909
(517) 241-4416
www.mi.gov/mi-access